

Claims

1. An organic electroluminescent device comprising: an organic thin-film transistor element including at least an active layer made of an organic material; and an organic electroluminescent element driven by the organic thin-film transistor element.

2. The organic electroluminescent device according to Claim 1, further comprising a substrate, wherein the organic electroluminescent element is provided between the substrate and the organic thin-film transistor element.

3. The organic electroluminescent device according to Claim 1, further comprising a substrate, wherein the organic thin-film transistor element is provided between the substrate and the organic electroluminescent element.

4. The organic electroluminescent device according to any one of Claims 1 to 3, wherein, in each pixel, the total area of the area of a source region and the area of a drain region of the organic thin-film transistor element is larger than the area of a region provided with a luminescent material of the organic electroluminescent element.

5. The organic electroluminescent device according to any one of Claims 1 to 4, wherein the source and the drain, which constitute the organic thin-film transistor element, have bent parts that face each other at a predetermined spacing.

6. The organic electroluminescent device according to Claim 5, wherein a gate is provided so as to cover the bent parts of the source

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and the drain.

7. The organic electroluminescent device according to Claim 5 or Claim 6, wherein the bent parts of the source and the drain are provided in a comb-shape and face each other at a predetermined spacing.

8. The organic electroluminescent device according to Claim 5 or Claim 6, wherein the bent parts of the source and the drain are provided in a spiral-shape and face each other at a predetermined spacing.

9. A method of manufacturing an organic electroluminescent device, comprising: a step of forming an organic electroluminescent element above a substrate; and a step of forming an organic thin-film transistor element, for driving the organic electroluminescent element, above the organic electroluminescent element.

10. A method of manufacturing an organic electroluminescent device, comprising: a step of forming an organic thin-film transistor element above a substrate; and a step of forming an organic electroluminescent element, which is driven by the organic thin-film transistor element and performs predetermined display, above the organic thin-film transistor element.

11. The method of manufacturing an organic electroluminescent device according to Claim 9 or Claim 10, wherein, in each pixel, the total area of the area of a source region and the area of a drain region of the organic thin-film transistor element is larger than the area of a region provided with a luminescent material.

12. The method of manufacturing an organic electroluminescent

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device according to any one of Claims 9 to 11, wherein the source and the drain, which constitute the organic thin-film transistor element, have bent parts that face each other at a predetermined spacing.

13. The method of manufacturing an organic electroluminescent device according to Claim 12, wherein a gate is provided so as to cover the bent parts of the source and the drain.

14. The method of manufacturing an organic electroluminescent device, according to Claim 12 or Claim 13, wherein the bent parts of the source and the drain are provided in a comb-shape and face each other at a predetermined spacing.

15. The method of manufacturing an organic electroluminescent device, according to Claim 12 or Claim 13, wherein the bent parts of the source and the drain are provided in a spiral-shape and face each other at a predetermined spacing.

16. The method of manufacturing an organic electroluminescent device, according to any one of Claims 9 to 15, wherein, at least the organic thin-film transistor and an organic-luminescent layer of the organic electroluminescent element are formed by a liquid-phase process.

17. An electronic apparatus comprising an electroluminescent device according to any one of Claims 1 to 8.

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